101

Quality Control

Insp.

N9/12/15

Stamp

December 10, 2009 11:47:37 AM Setup Start Accept D2580-1 Item ID: **Revision ID:** Stop 205 Skidtube bent detail Item Name: Start Qty: 2.00 **Cust Item ID:** Start Date: 10/12/2009 Required Date: 15/12/2009 Req'd Qty: 2.00 **Customer:** Reference: Start Run Tooling: Date: **Process Plan:** Approvals: Stop Date: SPC (Y/N): QC: Date: Reject Plan Reject Draw Accept Set Up/ Draw Sequence ID/ Operation Rev. Code Qty Qty Number Run Hours Number Work Center ID Description **Revision Nbr** Draw Nbr D2580 Rev D 0.00 100 0.00 HandFinish Memo 1- Inspect mat'l D2500-1-190 for damage. Hand Finishing 2- Chemical Conversion Coat as per QSI 005 4.1 0.00 QC3- Inspect Part Finish

0.00

Memo

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Page 2

Setup Start

Stop

Start

Stop

Reject

Insp.

Number Stamp

Reject

Qty

Run

Accept

Qty

December 10, 2009 11:47:37 AM Item ID: **Revision ID:** Item Name: Reference: 110 Skidtubes Skidtubes

D2580-1 Accept 205 Skidtube bent detail Start Qty: 2.00 **Cust Item ID:** Start Date: 3. 10/12/2009 Required Late: 15/12/2009 Reg'd Oty: 2.00 **Customer:** Process Plan: _____ Date: ____ Tooling: Date: Approvals: . Date:_____ SPC (Y/N): Date: Set Up/ Draw Draw Sequence ID/ Operation Number Rev. **Run Hours Work Center ID** Description 0.00 0.00 Memo 1-Drill pilot holes using drill jig DT 8149 (Do not use cutting fluid) 2-Open holes to 0.500" as per Dwg D2580 without cutting fluid 3-Deburr and blow out all chips from inside of tube -10-02-20 4-Bond web in place per QSI 015. A/R Sikaflex-291 batch: Sikaflex expire date: bond for 12hrs

Plan

Code

130

QC

Quality Control *

Memo

QC5- Inspect part completeness to step on W/O

0.00

0.00

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Page 3

Item ID:

D2580-1

Accept

Accept

Qty

Setup Start



Revision ID:

Item Name:

205 Skidtube bent detail

Start Date:

10/12/2009

Start Qty: 2.00

Req'd Qty: 2.00



Cust Item ID:

Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Qty

Start

Stop

Required Date: 15/12/2009

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ **Work Center ID**

140

Quality Control

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location

Set Up/ **Run Hours**

0.00

0.00

Draw

Rev.

Plan

Code

Reject Reject Number

Insp. Stamp

QC21- Final Inspection - Work Order Release

0.00

Memo

Memo

0.00

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DATE	DATE STEP Description of NC Section A		Initial Chief Eng	Initial Action Description Sign &		Section C	Approval Chief Eng	Approval QC Inspector
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December 10, 2009 11:47:45 AM

Work Order ID: 54500

Parent Item:

D2580-1

Parent Item Name: 205 Skidtube bent detail

Comments:



Start Date: 10/12/2009

Required Date: 15/12/2009

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ #	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Diste Issued	Status
D2500-1-190		Manufactured	No				Each	110.0000	2.0000			
Ext'n - I' Beam Tube 4"											*	:
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D2596	,	Manufactured	No	•	46468	110.	3 Each	5.0000	2.0000			
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Web, 205 Skidtube

> Location Main Warehouse LG 53263

Warehouse

53891

Loc Qty Loc Code

7-12-13

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DESIG	#	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECK	(ED,	APPROVED	DRAWING NO. REV. D
	THE STATE OF THE S	 	D2580 SHEET 1 OF 3
DATE			TITLE SCALE
07.0	2.27		205 SKIDTUBE ASSEMBLY NTS
Α		96.09.16	NEW ISSUE
В		96.12.02	AS MANUFACTURED
С		98.08.26	REDRAWN, INCLUDED DEO 9094/9097
D		07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183



QTY	QTY	Part Number	Description				
041	045						
X		D2580-041	SKIDTUBE ASSEMBLY				
	X	D2580-045	SKIDTUBE ASSEMBLY				
		50500 4 400	EXTRUCION				
1	1	D2500-1-190	EXTRUSION				
1	11	D2576-3	STEP				
20	24	D2579	CROSS BOLT SPACER				
16	16	D2594-1	PLUG				
16	16	D2594-3	O-RING				
1	1	D2596	205 WEB				
1	1	D2855	AFT CAP				
1	1	D3564-5	WEARSHOE				
1	1	D3564-9	WEARSHOE				
1	1	D3564-11	WEARSHOE				
1	1	D3564-13	WEARSHOE				
2	2	D3566-1	GASKET				
1	1	D3566-5	GASKET				
1	1	D3566-13	GASKET				
			I NOTES				
50	50	ALS7-1032-130	INSERT				
		or AKS7-1032-130					
		or AKS4-1032-130					
		or AELS-1032-130					
50	50	AN3C4A	BOLT				
2	2	AN3-5A	BOLT				
50	50	AN960C10L	WASHER				
2	2	AN960JD10L	WASHER				

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WITHOUT NOTICE
WORK ORDER
NO. 5/5/00

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291.
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:

SEE NOTES ON

PAGE 2 FOR D2580-041 AND

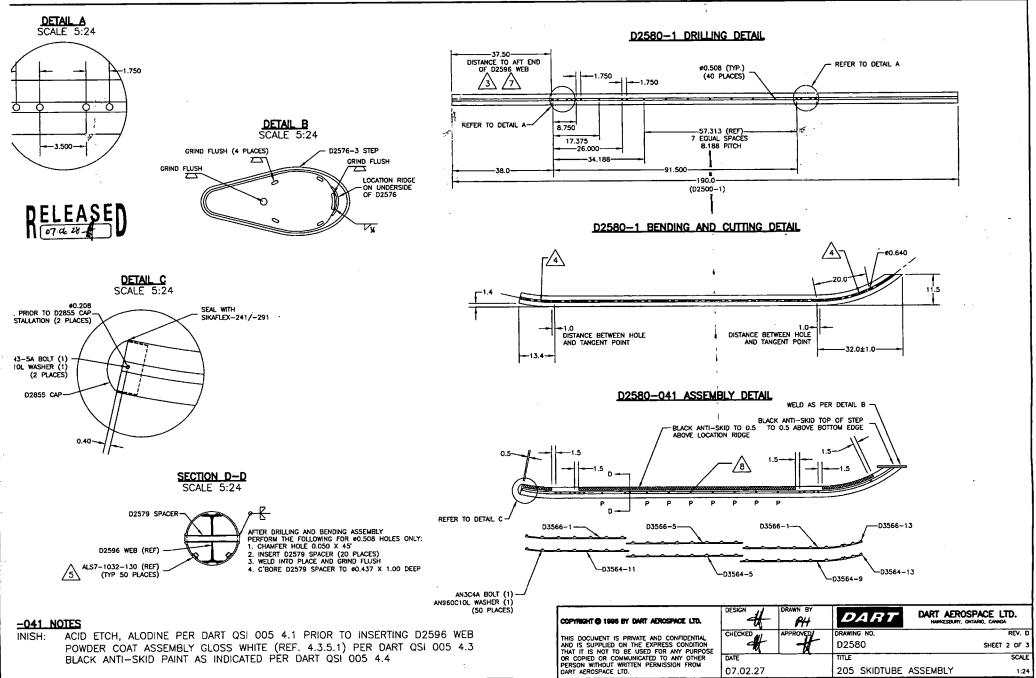
PAGE 3 FOR D2580-045

8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

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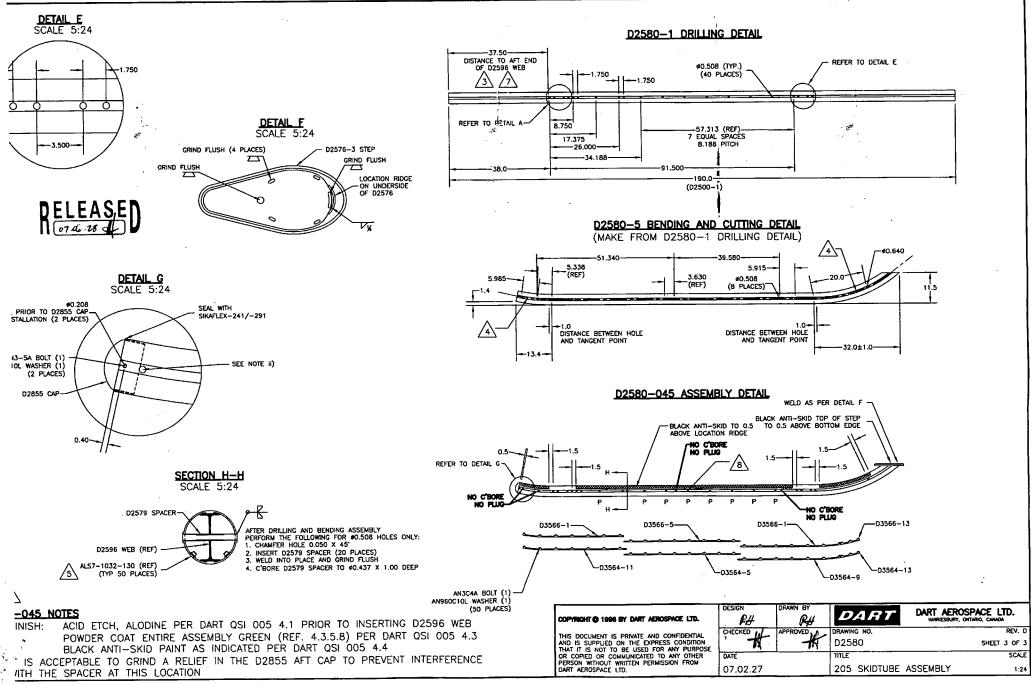
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